

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re' Application of
MARTIN WEIBRECHT ET AL.

Atty. Docket
DE 000186

Filed: CONCURRENTLY
METHOD OF REPRODUCING A GRAY SCALE IMAGE IN COLORS

6/10/91
A
10/27/91

Commissioner for Patents, Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

Prior to calculation of the filing fee and examination, please
amend the above-identified application as follows:

IN THE CLAIMS

Please amend the claims as follows:

3. A method as claimed in claim 1, characterized in that different color values are assigned to each time two successive shades of gray.
4. A method as claimed in claim 3, characterized in that the assignment between shades of gray and color values is bijective.
5. A method as claimed in claim 4, characterized in that a recurrent series of $m \leq n$ different color values $((x_1, y_1), \dots, (x_m, y_m))$ is assigned to the n shades of gray in an ascending order.
6. A method as claimed in at least claim 5, characterized in that the reproduction of the gray scale image in colors takes place on a color monitor (6), the assignment between shades of gray on the one side and color values (x, y) and brightness (Y) on the other side being adapted to the dynamic range of the monitor.